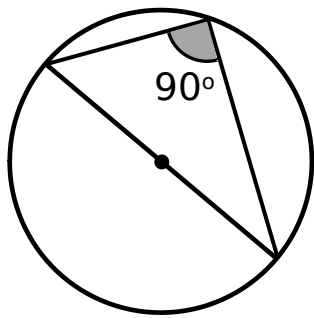
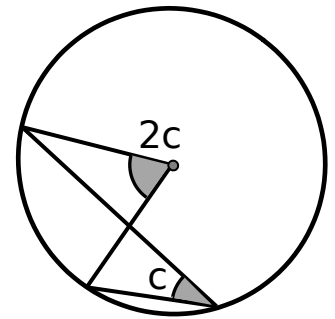
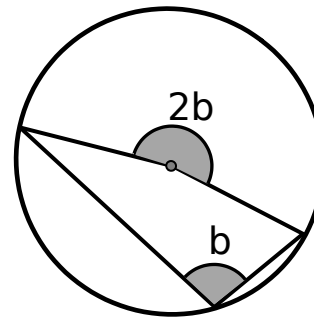
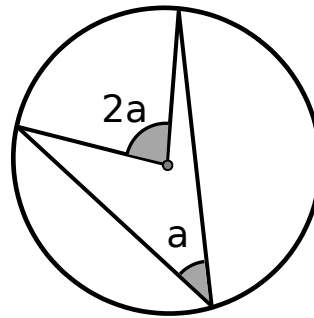
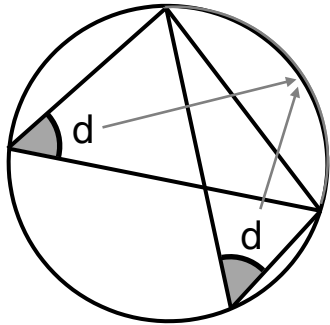




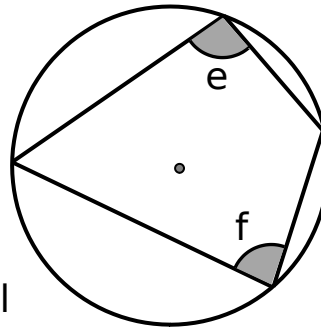
the angle in a semicircle is 90°



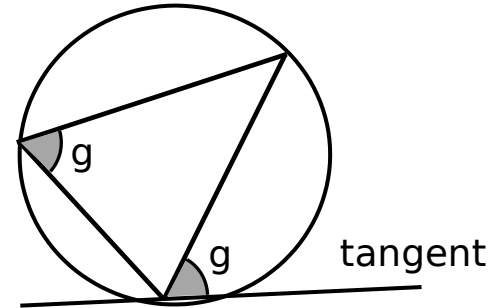
the angle at the centre is twice the angle at the circumference



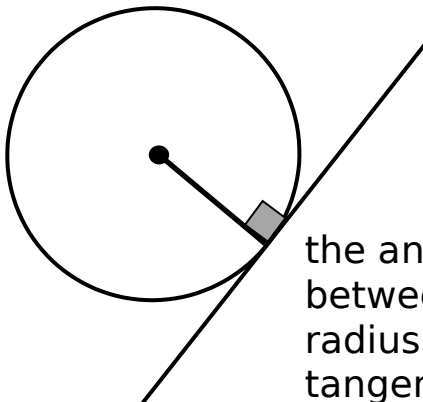
equal angles subtend equal arcs



opposite angles in a cyclic quadrilateral sum to 180°
 $e + f = 180^\circ$

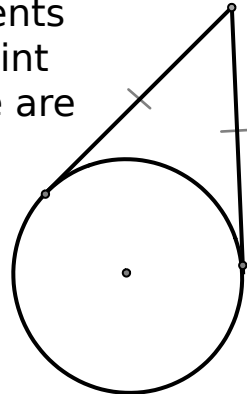


the alternate segment theorem (not a Z angle)



the angle between a radius and a tangent is 90°

two tangents from a point to a circle are equal in length



perpendicular bisector of any chord passes through the centre

